Materiel Readiness Process Improvement

LtCol Darryl Barnes
HQMC, I&L (LPV-4)
703-695-5939 (DSN 225)
BarnesDG@hqmc.usmc.mil

LtCol Ken Lasure
HQMC, I&L (LPV-4)
703-695-5939 (DSN 225)
LasureKM@hqmc.usmc.mil

Realignment of Maintenance (ROM)

LtCol Ken Lasure
HQMC, I&L (LPV-4)
703-695-5939 (DSN 225)
LasureKM@hqmc.usmc.mil

ROM Objective

Purpose: Increase equipment operational availability

Method:

- Improved responsiveness & reliability => **Improved effectiveness**
- Align garrison capability with the required operating or battlefield capability

Endstate: Simplified maintenance process

- Redundancies eliminated
- Single process owner
- Ability to ebb and flow resources (access vice ownership)

3 LOM Concept

L E V E L S O F M A I N T E N A N C E

Organizational	Intermediate	Depot
• Sustain MC • Operator focused • 1st "on steroids" • Some CM • Limited diagnostics	• Return to MC • Fix forward • Tech/mech • Not just CSSE	• Sustain throughout LC • Title 10 Compliant • Other sources

Majority of 2d EOM tasks

4th EOM rebuild tasks

1 + 2, 3 & 4 (-) 4(-) & 5

E c h e l o n s o f m a i n t e n a n c e

To date…

- MARADMIN Established 3 LOM (Dec 03)
- 4th EOM Migration Initiative
  - Implemented in I/II MEFs (2003/2004)
  - MFR WIPT (Aug 04) – Reviewing Implementation COAs
  - III MEF Implementation (Jan 05)
- Completed Pilot T2T/ITS (Jun 04)
  - Five Maint Task Alignment Panels (MTAPs) - MCSC Lead
  - Phase III analysis (impact/cost)
    - Completed for AAV P7 and M240G
    - Pending for HMMWV, MEP 805, AN/GRC 193
  - Final report to DC, I&L (Jan/Feb 05)

Supporting Efforts

- ROM Steering Team (ROMST)
  - Charter: Review, vet and approve ROM recommendations
  - Membership: I&L (Chair), MEFs, MFR, MCSC, MCCDC, LOGCOM, Depots, USA
- Reliability Centered Maintenance (RCM) Initiative
  - Objective: Institutionalize Systems Engineering Approach
  - Requirement ID phase (MCCDC)
  - Basis for Maintenance Task Alignment Panels (MTAPs)
- Army Partnership
  - Objective: Leverage common requirements/efforts
  - I&L, MCSC, TECOM voting members on Army ICT
  - Army effort called “Maintenance Transformation (Joint).” Considering renaming “Three Levels of Maintenance”

ROM Way Ahead

MILESTONE	DATE
Confirm PEI Scope/population	Feb 05
ROM Pilot T2T/ITS Results to DC, I&L	Feb 05
Submit ROM UNS	Feb 05
Seabased Maintenance Study Awarded	Feb/Mar 05
ROM WIPT VI	Mar 05
Develop/Publish MTAP schedule	Apr 05
ROM Proposals to TTF	Apr 05
Establish Initial RCM Capability at MCSC	Apr/May 05
Material Readiness SPD	June 05

Supply Process Improvements

LOGMOD FORUM

1-3 February 2005

LtCol D. Barnes
HQMC, I&L (LPV-4)
703-695-5939 (DSN 225)
BarnesDG@hqmc.usmc.mil

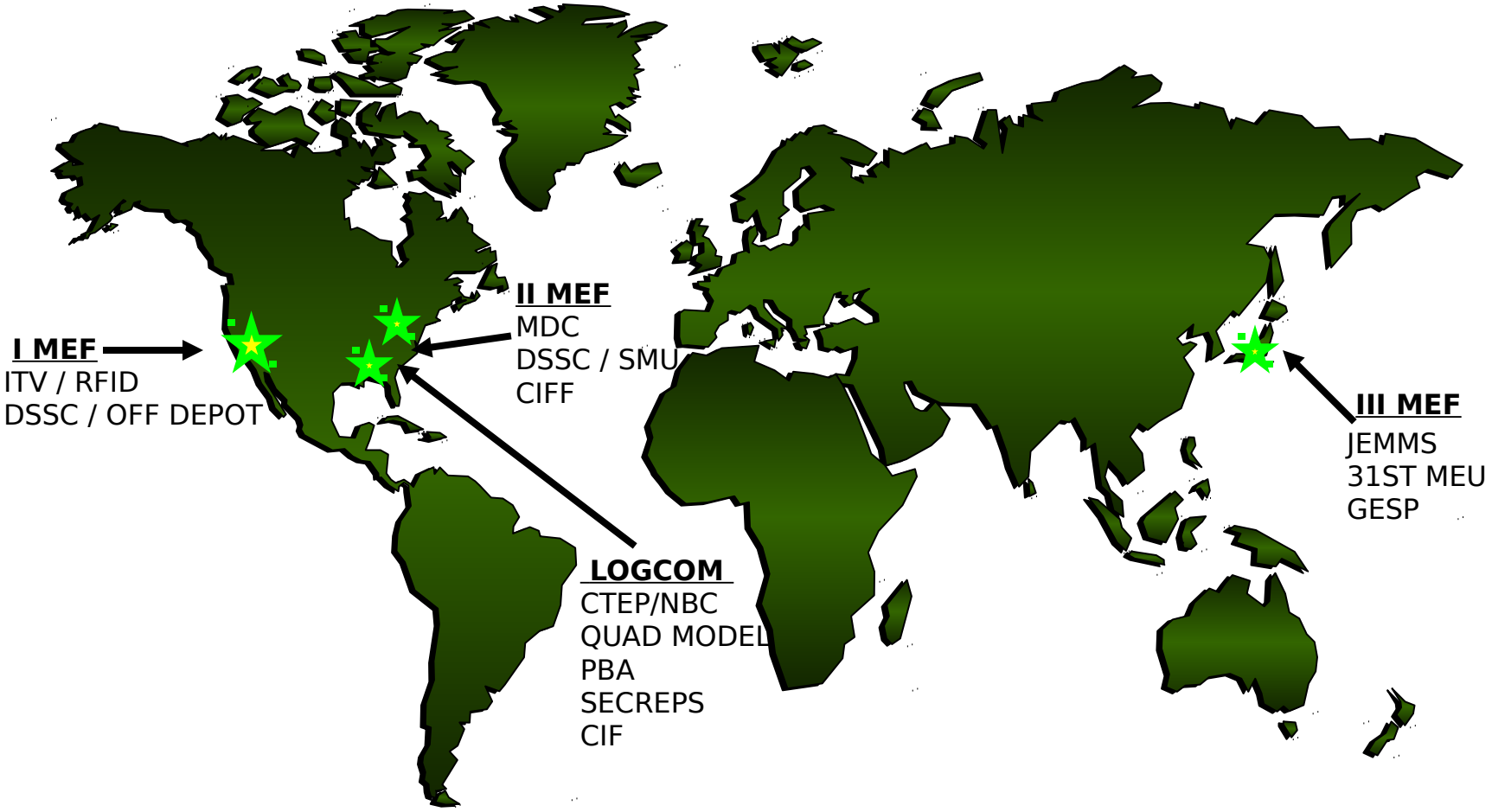
RSF Objective

- **<u>Purpose</u>:** Establish Marine Corps supply management strategy in the context of 2015 MEB/EMW/Sea Basing and integrate current supply initiatives.

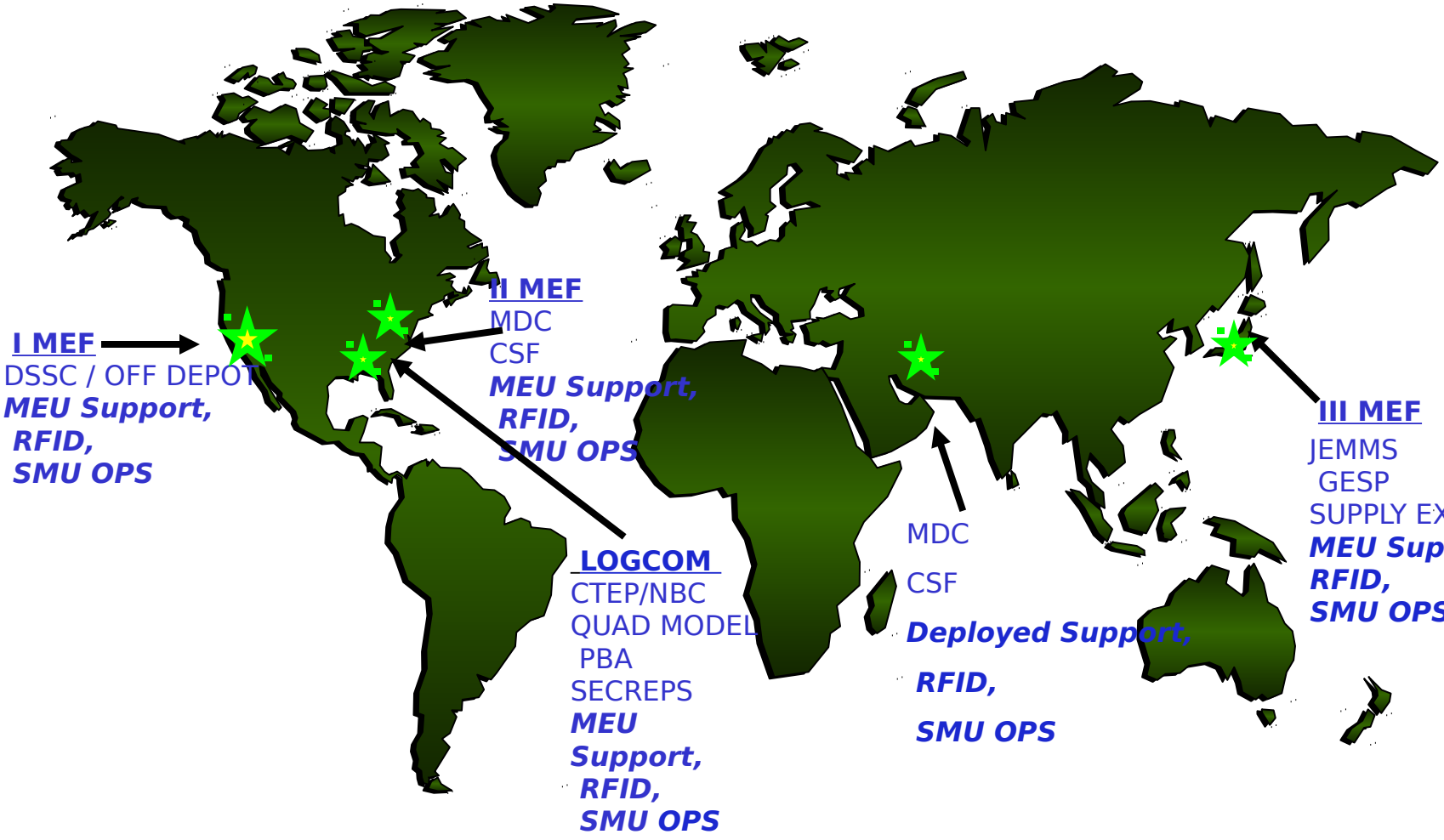
- **<u>Method</u>**: Staffing ongoing for Universal Needs Statements (UNS) focused on future deployed, joint and naval seabased environment.

- Distribution Capacity - MAGTF Distribution Center
- Inventory Capacity - Improved & responsive inventory management
- Procurement Capacity - Focal point for MAGTF wide procurement actions

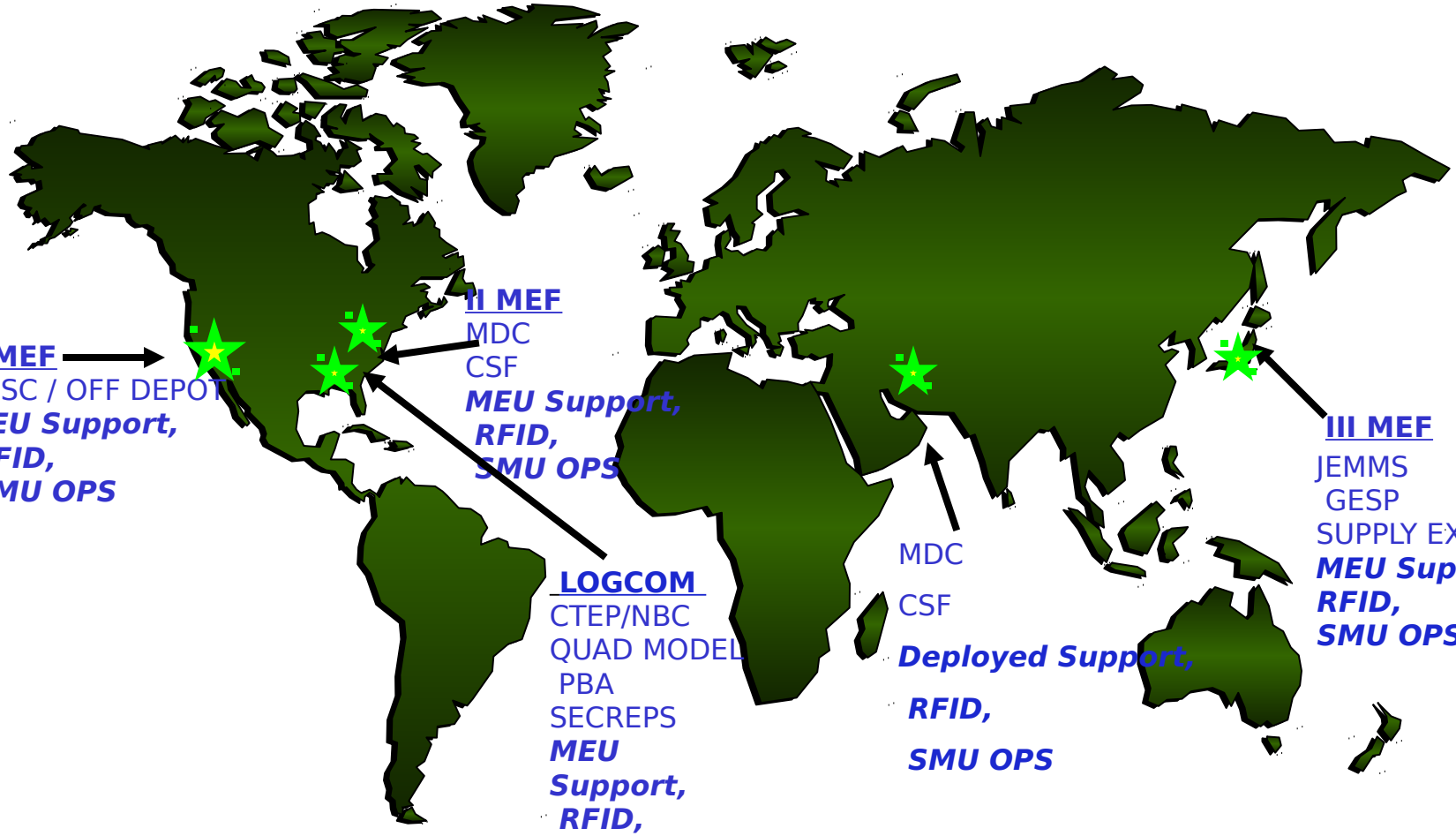
Regional RSF Initiatives



Establishing Common Processes Throughout MARFORs



Integrating Future Concepts Throughout MARFORs



GCSS MC → LOG C2 → JOINT

What Does This Mean To The MAGTF

Current innovations across the Inventor

Class II → Vendor managed & service owned (CIF, CTEP, NBC)
- Increased serviceable assets, close to supported units

Class III → Vendor managed / Vendor owned (JEMMS and others
- Enhanced HAZMAT management

Class IV → Vendor owned / Vendor managed (GSA / DLA)
- Vendor manage routine items / MAGTF manage critical ite

Class V → Integration between PM AMMO (ICP), I&L & GCSS M
- Standardized accounting & distribution for all supply cla

Class VII → Review of new accounting / staging procedures (GES
- Increase availability and accuracy of Corps Wide Assets

Class VIII → Vendor managed / vendor owned (DLA as 3PL)
- More accurate management of shelf life assets / Corpsma

Class IX → Service located, vendor owned, (NIMS)
- MAGTF pays for assets once consumed / assets located cl

How do we get there ?? DOTMLPF

	Doctrine	Organization	Training	Materiel	Leadership	Personnel	Facilities
NIMS/CL IX	Effect on DOS	Review SMU	Lack of training	Cost Avoidance	PM CL IX Inventory	Decrease in mgt	Warehouse mod
	Imp Quad model			MIS costs?	LOGCOM??	Increase in wareH	Stock review
					SCMC	Increase in Cust	Stock fast movers
			Lack of Education	Engage in SDE	Education	Support	
			SCM	w/GCSS-MC			School house
CIF/NBC	Need new doctrine	Not on FMF	COTAR training	Cost Increase	PM SLAM	Manpower (-)	Short term cost
	to manage 3PL	add 3PL	How to manage	Ability for TAV	Education		long term efficiency
	Readiness Rpting		a 3PL	Enage in SDE			
				w/GCSS-MC			
3PL/DSSC	Archaic doctrine	Realignment	None	None	Education	Evolve PDs	None
	New relationships					3PL	
JEMMS	Not in USMC	Realign/Redfine	CORE	Cost avoidance	Education	Relign as required	Short term cost
	doctrine.	None					Review facilities
	Nebulous policy						
	Migration of CTEP/TAP assets to CIF is in the concept stage at this time.						
CTEP/TAP	Orders must	Not on FMF	COTAR training	Will give TAV for	Education	Realign as	Short term cost
	change. (See	add 3PL	How to manage	training assets	PM ICCE	required within	Review facilities
	CIF/NBC)		a 3PL	for MAGTF and		MAGTF	
				HQMC			

✓ Results of 19-21 - Jan 05 WIPT

✓Continued staffing Supply UNS through EFDS - Feb 05

Key Take Aways

- **<u>ROM Objective</u>: Increasing equipment Operational Availability**
- **<u>RSF Objective</u>: Support 2015 MEB, EMW and Sea Basing**
- **<u>Overall Objective</u>: Improve MAGTF Lethality**
- **Phased/coordinated approach Using MARFOR Supported WIPTs to Guide Efforts**
- **Changes will be Institutionalized via EFDC**

QUESTIONS??